

All work done according to standard protocols unless otherwise indicated

October, 2014

Wednesday, 1st

- NeuroD1-IRES synthesis resuspended and transformed
- Clover glycerol stocks picked
- RTH mutagenesis of Lamp2b-Clover to remove biobrick cut sites started
- PCR to add cut sites to gfABC1D and Clover to make Clover astrocyte specific started

Thursday, 2nd

- NeuroD1-IRES plates picked and grown overnight
- Clover cultures miniprepped
- RTH mutagenesis of Lamp2b clover transformed
- PCRs of gfABC1D and Clover digested with NheI and PacI

Friday, 3rd

- NeuroD1-IRES miniprepped and cut with BamHI and EcoRI
- Clover digested with BamHI and EcoRI
- Lamp2b-Clover mutagenesis plates did not grow, RTH mutagenesis started again
- gfABC1D and Clover nanodropped and ligated

Saturday, 4th

- RTH mutagenesis of Lamp2b-Clover transformed
- Clover and NeuroD1 digests gel extracted, nanodropped and ligated
- gfaABC1D and Clover ligation transformed

Sunday, 5th

- Lamp2b-Clover mutagenesis plates grew, picked and grown overnight
- NeuroD1-IRES-Clover ligations transformed
- gfaABC1D-Clover ligation plates did not grow

Monday, 6th

- Lamp2b-Clover cultures miniprepped and sent for sequencing
- NeuroD1-IRES-Clover plates did not grow

Thursday, 9th

- NeuroD1-IRES and Clover digested for assembly, digests gel extracted
- Gel extractions are nanodropped and ligated
- gfaABC1D and Clover PCRs started again

Friday, 10th

- NeuroD1-IRES-Clover plates grew, colonies picked to grow in liquid cultures overnight
- gfaABC1D and Clover PCRs Digested

Saturday, 11th

- NeuroD1-IRES-Clover cultures minipreped, restricted for gel confirmation, and prepped for sequencing
- Digested PCR products ran on gel, appropriate bands gel extracted, nanodropped and ligated.